CLAIMS

What is claimed is:

1. A method for enforcing an authority-designated access policy, said method comprising the steps of:

receiving a plurality of authority-designated settings associated with a particular user in a particular transmittable data format at a particular authority-enabled system from among a plurality of authority-enabled systems, wherein said plurality of authority-designated settings designate levels of access to particular types of content as determined by a plurality of authorities to said particular user;

only allowing access for said particular user to a selection of a plurality of types of content provided by said particular authority-enabled system that are enabled according to said authority-designated settings received at said particular authority-enabled system, such that said particular authority-enabled system enforces an authority-designated access policy for a particular user at said particular authority-enabled system from among a plurality of authority-enabled system.

2. The method for enforcing an authority-designated access policy according to claim 1, said method further comprising the step of:

transmitting a description of said selection of said plurality of types of content to a computer system to output said selection of said plurality of types of content to said particular user via an output interface

3 4 5

6

1

2

2

3

19

4 5

3. The method for enforcing an authority-designated access policy according to claim 1, said method further comprising the steps of:

comparing said plurality of authority-designated settings received at said particular authority-enabled system with a plurality of advertisements at said particular authority-enabled system; and

AN

8

1

2

5

6

7

[]1

W W W

Ň

[]]5

7

8

9

10

1

2

3

controlling output of an authority-enabled selection of said plurality of advertisements to a plurality of output interfaces controlled by said particular authority-enabled system.

4. The method for enforcing an authority-designated access policy according to claim 1, said method further comprising the steps of:

designating specialized staff instructions at said particular authority-enabled device according to said plurality of authority-designated settings; and

controlling output of said specialized staff instructions to an output interface controlled by said particular authority-enabled system that is accessible to a staff member.

5. The method for enforcing an authority-designated access policy according to claim 1, said method further comprising the steps of:

receiving a request for a access to a particular

type of content at said authority-enabled system from said particular user;

determining whether or not said particular type of content is included within said selection of said plurality of types of content; and

transmitting a record of authorization from said particular authority-enabled system to a portable data storage medium associated with said particular user, in response to determining that said particular type of content is included within said selection of said particular types of content.

6. The method for enforcing an authority-designated access policy according to claim 5, said method further comprising the step of:

transmitting a record of denial of authorization from said particular authority-enabled system to said portable data storage medium, in response to determining that said particular type of content is not included within said selection of said particular types of content.

7. The method for emforcing an authority-designated access policy according to claim 5, said method further comprising the step of:

transmitting an authorization for access to a checkpoint for accessing said particular type of content, in
response to determining that said particular type of
content is included within said selection of said
particular types of content.

AV

5

7

8

10

11

12

13

14

(i)

1 2 3 (m) 11 mil (m) 12 mil (m) 13 (m) 14 (m) 15 (m) 17 (m

1

9

3

5

[]7

8

10

3

6

7

1

2

5

8. The method for enforcing an authority-designated access policy according to claim 1, said method further comprising the steps of:

receiving a selection of a plurality of userdesignated preferences at said particular authorityenabled system, wherein said user-designated preferences are set by said particular user; and

filtering said selection of said plurality of types of content at said particular authority-enabled processing system according to said plurality of user-designated preferences.

9. The method for enforcing an authority-designated access policy according to claim 1, said step of only allowing access for said particular user to a selection of said plurality of types of content that are enabled according to said authority-designated settings received at said particular authority-enabled system further comprising the step of:

only allowing access for said particular user to a selection of visual content that is accessible via said particular authority-enabled system.

10. The method for enforcing an authority-designated access policy according to claim 1, said step of only allowing access for said particular user to a selection of said plurality of types of content that are enabled according to said authority-designated settings received at said particular authority-enabled system further comprising the step of:

AV

only allowing access for said particular user to a selection of audio content that is accessible via said particular authority-enabled system.

11. The method for enforcing an authority-designated access policy according to claim 1, said step of only allowing access for said particular user to a selection of said plurality of types of content that are enabled according to said authority-designated settings received at said particular authority-enabled system further comprising the step of:

only allowing access for said particular user to a selection of products that are accessible via said particular authority-enabled system.

12. The method for enforcing an authority-designated access policy according to claim 1, said step of only allowing access for said particular user to a selection of said plurality of types of content that are enabled according to said authority-designated settings received at said particular authority-enabled system further comprising the step of:

only allowing access for said particular user to a particular physical location that is accessible via said particular authority-enabled system.

13. The method for enforcing an authority-designated access policy according to claim 1, said step of only allowing access for said particular user to a selection of said plurality of types of content that are enabled according to said authority-designated settings received

9

10

1

5

6

[]9 [h]o

8

10

7

1 2

4

at said particular authority-enabled system further comprising the step of:

only allowing access for said particular user to a selection of services that are accessible via said particular authority-enabled system.

14. The method for enforcing an authority-designated access policy according to claim 1, said step of receiving a plurality of authority-designated settings associated with a particular user, further comprising the step of:

receiving said plurality of authority-designated settings associated with a particular user from a portable data storage medium associated with said particular user.

- 15. The method for enforcing an authority-designated access policy according to claim 14, wherein said portable data storage medium further comprises a portable computer system.
- 16. The method for enforcing an authority-designated access policy according to claim 14, wherein said portable data storage medium further comprises a smart card.
- 17. The method for enforcing an authority-designated access policy according to claim 1, said step of receiving a plurality of authority-designated settings associated with a particular user, further comprising the step of:

1

3

1

3

6

8

9

10

receiving said plurality of authority-designated settings in an extensible mark-up language data format.

18. A system for enforcing an authority-designated access policy, said system comprising:

means for receiving a plurality of authoritydesignated settings associated with a particular user in
a particular transmittable data format at a particular
authority-enabled system from among a plurality of
authority-enabled systems, wherein said plurality of
authority-designated settings designate levels of access
to particular types of content as determined by a
plurality of authorities to said particular user;

means for only allowing access for said particular user to a selection of a plurality of types of content provided by said particular authority-enabled system that are enabled according to said authority-designated settings received at said particular authority-enabled system, such that said particular authority-enabled system enforces an authority-designated access policy for a particular user at said particular authority-enabled system from among a plurality of authority-enabled system.

19. The system for enforcing an authority-designated access policy according to claim 18, said system further comprising:

means for transmitting a description of said selection of said plurality of types of content to a computer system to output said selection of said plurality of types of content to said particular user via

AV

an output interface controlled by said computer system.

20. The system for enforcing an authority-designated access policy according to claim 18, said system further comprising:

means for comparing said plurality of authority-designated settings received at said particular authority-enabled system with a plurality of advertisements at said particular authority-enabled system; and

means for controlling output of an authority-enabled selection of said plurality of advertisements to a plurality of output interfaces controlled by said particular authority-enabled system.

21. The system for enforcing an authority-designated access policy according to claim 18, said system further comprising:

means for designating specialized staff instructions at said particular authority-enabled device according to said plurality of authority-designated settings; and

means for controlling output of said specialized staff instructions to an output interface controlled by said particular authority-enabled system that is accessible to a staff member.

22. The system for enforcing an authority-designated access policy according to claim 18, said system further comprising:

KV

8

1

3

6

7

8

7

6

9

2

6

7

8

9

10

11

12

14

115

3 113 114

[.]6

1

6

means for receiving a request for a access to a particular type of content at said authority-enabled system from said particular user;

means for determining whether or not said particular type of content is included within said selection of said plurality of types/of content; and

means for transmitting a record of authorization from said particular authority-enabled system to a portable data storage medium associated with said particular user, in response to determining that said particular type of content is included within said selection of said particular types of content.

The system for enforcing an/authority-designated access policy according to claim 22, said system further comprising:

means for transmitting a record of denial of authorization from said particular authority-enabled system to said portable dat/a storage medium, in response to determining that said particular type of content is not included within said selection of said particular types of content.

The system for enforcing an authority-designated access policy according to claim 22, said system further comprising:

means for transmitting an authorization for access to a check-point for accessing said particular type of content, in responsé to determining that said particular type of content is included within said selection of said

1

2

7

particular types of content.

25. The system for enforcing an authority-designated access policy according to claim 18, said system further comprising:

means for receiving a selection of a plurality of user-designated preferences at said particular authority-enabled system, wherein said user-designated preferences are set by said particular user; and

means for filtering said selection of said plurality of types of content at said particular authority-enabled processing system according to said plurality of user-designated preferences.

26. The system for enforcing an authority-designated access policy according to claim 18, said means for only allowing access for said particular user to a selection of said plurality of types of content that are enabled according to said authority-designated settings received at said particular authority-enabled system further comprising:

means for only allowing access for said particular user to a selection of visual content that is accessible via said particular authority-enabled system.

27. The system for enforcing an authority-designated access policy according to claim 18, said means for only allowing access for said particular user to a selection of said plurality of types of content that are enabled according to said authority-designated settings received at said particular authority-enabled system further

AN

8

10

1

4

comprising:

means for only allowing access for said particular user to a selection of audio content that is accessible via said particular authority-enabled system.

28. The system for enforcing an authority-designated access policy according to claim 18, said means for only allowing access for said particular user to a selection of said plurality of types of content that are enabled according to said authority-designated settings received at said particular authority-enabled system further comprising:

means for only allowing access for said particular user to a selection of products that are accessible via said particular authority-enabled system.

29. The system for enforcing an authority-designated access policy according to claim 18, said means for only allowing access for said particular user to a selection of said plurality of types of content that are enabled according to said authority-designated settings received at said particular authority-enabled system further comprising:

means for only allowing access for said particular user to a particular physical location that is accessible via said particular authority-enabled system.

30. The system for enforcing an authority-designated access policy according to claim 18, said means for only allowing access for said particular user to a selection of said plurality of types of content that are enabled

AV

7

8

9

10

5

5

9 10

1

3

1

3

5

5

8

9

10

2

according to said authority-designated settings received at said particular authority-enabled system further comprising:

means for only allowing access for said particular user to a selection of services that are accessible via said particular authority-enabled system.

31. The system for enforcing an authority-designated access policy according to claim 18, said means for receiving a plurality of authority-designated settings associated with a particular user, further comprising:

means for receiving said plurality of authoritydesignated settings associated with a particular user from a portable data storage medium associated with said particular user.

- 32. The system for enforcing an authority-designated access policy according to claim 31, wherein said portable data storage medium further comprises a portable computer system.
- 33. The system for enforcing an authority-designated access policy according to claim 31, wherein said portable data storage medium further comprises a smart card.
- 34. The system for enforcing an authority-designated access policy according to claim 18, said means for receiving a plurality of authority-designated settings associated with a particular user, further comprising:

means for receiving said plurality of authority-

designated settings in an extensible mark-up language data format.

35. A program for enforcing an authority-designated access policy, residing on a computer usable medium having computer readable program code means, said program comprising:

means for receiving a plurality of authoritydesignated settings associated with a particular user in
a particular transmittable data format at a particular
authority-enabled system from among a plurality of
authority-enabled systems, wherein said plurality of
authority-designated settings designate levels of access
to particular types of content as determined by a
plurality of authorities to said particular user;

means for only allowing access for said particular user to a selection of a plurality of types of content provided by said particular authority-enabled system that are enabled according to said authority-designated settings received at said particular authority-enabled system, such that said particular authority-enabled system enforces an authority-designated access policy for a particular user at said particular authority-enabled system from among a plurality of authority-enabled system.

36. The program for enforcing an authority-designated access policy according to claim 35, said program further comprising:

means for transmitting a description of said selection of said plurality of types of content to a

AV

6

1

2

3

5

6

7

-[]9

20

21

22

1

2

8

1

3

computer system to output said selection of said plurality of types of content to said particular user via an output interface controlled by said computer system.

37. The program for enforcing an authority-designated access policy according to claim 35, said program further comprising:

means for comparing said plurality of authority-designated settings received at said particular authority-enabled system with a plurality of advertisements at said particular authority-enabled system; and

means for controlling output of an authority-enabled selection of said plurality of advertisements to a plurality of output interfaces controlled by said particular authority-enabled system.

38. The program for emforcing an authority-designated access policy according to claim 35, said program further comprising:

means for designating specialized staff instructions at said particular authority-enabled device according to said plurality of authority-designated settings; and

means for controlling output of said specialized staff instructions to an output interface controlled by said particular authority-enabled system that is accessible to a staff member.

39. The program for enforcing an authority-designated access policy according to claim 35, said program further

P

4

6

7

10

comprising:

means for receiving a request for a access to a particular type of content at said authority-enabled system from said particular user;

means for determining whether or not said particular type of content is included within said selection of said plurality of types of content; and

means for transmitting a record of authorization from said particular authority-enabled system to a portable data storage medium associated with said particular user, in response to determining that said particular type of content is included within said selection of said particular types of content.

40. A method for managing access to content by a user, said method comprising the steps of:

receiving entries for a plurality of authoritydesignated settings from a plurality of allowable
authorities to said particular user at a portable data
storage medium associated with said particular user,
wherein said plurality of authority-designated settings
designate levels of access to particular types of
content;

transmitting said plurality of authority-designated settings from said portable data storage medium to a plurality of authority-enabled systems, wherein each of said plurality of authority-enabled systems controls access to at least one type of content;

16

17

receiving and storing at said portable data storage medium an indication of authorization for said particular user to said at least one/type of content controlled by one of said plurality of/authority-enabled systems, such that authorization for dontent to said particular user is monitored at said portable data storage medium.

The method for managing access to content by a user 41. according to claim 40, said step of receiving entries for a plurality of authority-designated settings from a plurality of allowable authorities to said particular user at a portable data storage medium associated with said particular user, further comprising the steps of:

comparing a particular authority from whom an entry for an authority-designated setting is received with said plurality of allowable authorities designated at said portable data storage medium; and

only storing said entry for said authoritydesignated setting at said portable data storage medium, in response to authorization of said particular authority in said plurality of allowable authorities.

The method for managing access to content by a user according to claim 40, said step/of receiving entries for a plurality of authority-designated settings from a plurality of allowable authorities to said particular user at a portable data storage medium associated with said particular user, further comprising the steps of:

transmitting a request for access to a particular type of content from a portable computer system comprising said portable data storage medium to a remote

6 7 8

1

2

3

4

5

computer system accessible to one of said plurality of allowable authorities; and

receiving an entry for a one-time access to said particular type of content from said remote computer system by said one of said plurality of allowable authorities at said portable computer system.

43. The method for managing access to content by a user according to claim 40, said step of transmitting said plurality of authority-designated settings from said portable data storage medium to a plurality of authority-enabled systems, further comprising the step of:

encrypting said plurality of authority-designated settings at a portable computer system comprising said portable data storage medium such that only a particular selection from among said plurality of authority-enabled systems are enabled to read said plurality of authority-designated settings.

44. The method for managing access to content by a user according to claim 40, said step of transmitting said plurality of authority-designated settings from said portable data storage medium to a plurality of authority-enabled systems, further comprising the step of:

filtering said plurality of authority-designated settings at a portable computer system comprising said portable data storage medium such that only a filtered selection from among said plurality of authority-designated settings are transmittable to said plurality of authority-enabled systems.

A2

.75

· 10

1

2

3

7

8

45. The method for managing access to content by a user according to claim 40, said step of receiving and storing at said portable data storage medium an indication of authorization for said particular user to said at least one type of content controlled by one of said plurality of authority-enabled systems,

receiving said indication of authorization that indicates said particular user was allowed access to said at least one type of content controlled by said one of said plurality of authority-enabled systems.

The method for managing access to content by a user 46. according to claim 40, said step of receiving and storing at said portable data storage medium an indication of authorization for said particular user to said at least one type of content controlled by one of said plurality of authority-enabled \$ystems,

receiving said indication of authorization that indicates said particular user was denied access to said at least one type of content controlled by said one of said plurality of authority-enabled systems.

[4]5 # 6 Ŵ,

[]] 9

1

8

4

9

9

10

1 3

5

The method for managing access to content by a user 47. according to claim 40, said method further comprising the steps of:

filtering said data stored at said portable data storage medium by a portable computer system according to said plurality of authority-designated settings, in response to receiving a request for data stored at said portable data storage medium from a particular authority from among said plurality of allowable authorities; and

only allowing said particular authority to access said filtered data according to access privileges provided to said particular authority.

The method for managing access to content by a user according to claim 40, said method further comprising the steps of:

receiving a plurality of user-designated preferences by said particular user at said portable data storage medium; and

transmitting said plurality of user-designated preferences with said plurality of authority-designated preferences to said plurality of authority-enabled systems.

The method for managing access to content by a user according to claim 40, said method further comprising the steps of:

receiving a selection of a plurality of products that are enabled for access by said particular user via

[] [] []

6

7

1

said authority-enabled system according to said authority-designated settings.

50. The method for managing access to content by a user according to claim 40, said method further comprising the steps of:

receiving a selection of a plurality of media that are enabled for access by said particular user via said authority-enabled system according to said authority-designated settings.

51. The method for managing access to content by a user according to claim 40, said method further comprising the steps of:

receiving a selection of a plurality of services that are enabled for access by said particular user via said authority-enabled system according to said authority-designated settings.

52. A system for managing access to content by a user, said system comprising:

means for receiving entries for a plurality of authority-designated settings from a plurality of allowable authorities to said particular user at a portable data storage medium associated with said particular user, wherein said plurality of authority-designated settings designate levels of access to particular types of content;

means for transmitting said plurality of authoritydesignated settings from said portable data storage

AV

5

9

medium to a plurality of authority-enabled systems, wherein each of said plurality of authority-enabled systems controls access to at least one type of content;

means for receiving and storing at said portable data storage medium an indication of authorization for said particular user to said at least one type of content controlled by one of said plurality of authority-enabled systems, such that authorization for content to said particular user is monitored at said portable data storage medium.

53. The system for managing access to content by a user according to claim 52, said means for receiving entries for a plurality of authority designated settings from a plurality of allowable authorities to said particular user at a portable data storage medium associated with said particular user, further comprising:

means for comparing a particular authority from whom an entry for an authority-designated setting is received with said plurality of allowable authorities designated at said portable data storage medium; and

means for only storing said entry for said authority-designated setting at said portable data storage medium, in response to authorization of said particular authority in said plurality of allowable authorities.

54. The system for managing access to content by a user according to claim 52, said means for receiving entries for a plurality of authority-designated settings from a plurality of allowable authorities to said particular

9

10

11

12

13

14

116 111

[I] 2

[I] 6

10

11

1

6

user at a portable data storage medium associated with said particular user, further comprising:

means for transmitting a request for access to a particular type of content from a portable computer system comprising said portable data storage medium to a remote computer system accessible to one of said plurality of allowable authorities; and

means for receiving an entry for a one-time access to said particular type of content from said remote computer system by said one of said plurality of allowable authorities at said portable computer system.

55. The system for managing access to content by a user according to claim 52, said means for transmitting said plurality of authority-designated settings from said portable data storage medium to a plurality of authority-enabled systems, further comprising:

means for encrypting said plurality of authority-designated settings at a portable computer system comprising said portable data storage medium such that only a particular selection from among said plurality of authority-enabled systems are enabled to read said plurality of authority-designated settings.

56. The system for managing access to content by a user according to claim 52, said means for transmitting said plurality of authority-designated settings from said portable data storage medium to a plurality of authority-enabled systems, further comprising:

means for filtering said plurality of authority-

10 11

1

 ΠU_2

5

8 9

10

designated settings at a portable computer system comprising said portable data storage medium such that only a filtered selection from among said plurality of authority-designated settings are transmittable to said plurality of authority-enabled systems.

57. The system for managing access to content by a user according to claim 52, said means for receiving and storing at said portable data storage medium an indication of authorization for said particular user to said at least one type of content controlled by one of said plurality of authority-enabled systems,

means for receiving said indication of authorization that indicates said particular user was allowed access to said at least one type of content controlled by said one of said plurality of authority-enabled systems.

58. The system for managing access to content by a user according to claim 52, said means for receiving and storing at said portable data storage medium an indication of authorization for said particular user to said at least one type of content controlled by one of said plurality of authority-enabled systems,

means for receiving said indication of authorization that indicates said particular user was denied access to said at least one type of content controlled by said one of said plurality of authority-enabled systems.

1

3

5

2

1

£330

2

6

The system for managing access to content by a user according to claim 52, said system further comprising:

means for filtering said data stored at said portable data storage medium by a portable computer system according to said plurality of authoritydesignated settings, in response to receiving a request for data stored at said portable data storage medium from a particular authority from among said plurality of allowable authorities; and

means for only allowing said particular authority to access said filtered data according to access privileges provided to said particular authority.

The system for managing access to content by a user according to claim 52, said system further comprising:

means for receiving a plurality of user-designated preferences by said particular user at said portable data storage medium; and

means for transmitting said plurality of userdesignated preferences with said plurality of authoritydesignated preferences to said plurality of authorityenabled systems.

The system for managing access to content by a user according to claim 52, said system further comprising:

means for receiving a selection of a plurality of products that are enabled for access by said particular user via said authority-enabled system according to said authority-designated settings.

3

6

1

2

62. The system for managing access to content by a user according to claim 52, said system further comprising:

means for receiving a selection of a plurality of media that are enabled for access by said particular user via said authority-enabled system according to said authority-designated settings.

63. The system for managing access to content by a user according to claim 52 said system further comprising:

means for receiving a selection of a plurality of services that are enabled for access by said particular user via said authority-enabled system according to said authority-designated settings.